

Use of a Kayden Industries vertical dryer can recover up to 95% of drilling fluids. A large decrease in attraction between liquid and oil results in a retort of vertical dryer cuttings that can range between 6 per cent and 1 per cent oil by weight.

Kayden Industries is committed to reducing drilled solids waste and decreasing any related disposal costs. Correct use of a vertical dryer can ensure client compliance with local environmental regulations and aid in the recovery of base fluid. Kayden Industries sets the industry standard in sample testing for reducing fluids discards on drill cuttings. Decreasing waste, disposal, and recovering fluid allows our clients to minimize operating costs. Kayden Industries vertical dryers have durable and functional maintenance characteristics for decreased downtime. All standard parts are easily accessed from the top of the unit. Belts can be changed quickly without removal of the drive assembly and the drive assembly itself can be removed easily.



SPECIFICATIONS

Size

Dimensions with stand:	L 87" x W 87" x H 128"
Dimensions without stand:	L 78" x W 78" x H 80"
Weight with stand:	14,150 lb (6,418 kg)
Weight without stand:	10,150 lb (4,604 kg)

Screens

Screen Area/Type:	13.3 sq ft/profile wire
Mesh:	32 – 0.0197" (500 micron)
	60 – 0.0098" (250 micron)
	65 – 0.0083" (210 micron)

Lubrication System

Motor power rating:	½ hp (373 W)
Weight:	27 lb (12 kg)
Voltage frequency:	Varies with application (480 V/60 Hz standard)

Lubricant type	<ul style="list-style-type: none"> - Operating temperature of 0 °F to 100 °F with E.P gear oil ISO 68 - Operating temperature < 0 °F or > 100 °F with E.P. Synthetic gear oil ISO 220 - Ships with Shell Omala 68
Capacity:	8 US gallons or 30.3 litres
Main Drive Motor	
Power rating:	75 hp (57 kW)
Weight:	1,100 lb (498 kg)
Classification:	Explosion proof class 1 division
Voltage/frequency:	Varies with application (480 V/60 Hz standard)
	3 Phases
Operational Parameters	Capacity of 60 mt/hr at 1000 rpm and 500 Gs